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ASSOCIATED OFFICE IN SHANGHAI

January 4, 2002

INTERNET ADDRESS  
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DIRECT DIAL NUMBER  
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BOX PATENT APPLICATION  
Commissioner for Patents  
Washington, D.C. 20231

Re: U.S. Patent Application  
Title: WIRE BOND-LESS ELECTRONIC COMPONENT FOR USE  
WITH AN EXTERNAL CIRCUIT AND METHOD OF  
MANUFACTURE  
Filed: January 4, 2002  
Our Reference No.: 125994

Dear Sir/Madam:

Enclosed herewith for filing in the above-identified application are the following:

1. Patent Application (26 pgs.);
2. Formal Drawings (3 pgs.);
3. Recordation Form Cover Sheet (1 pg.);
4. Assignment (3 pgs.);
5. Declaration (3 pgs.);
6. Information Disclosure Statement (3 pgs.) & prior art (3 patents);
7. Power of Attorney (1 pg.);
8. New Application Transmittal (4 pgs.)
9. Check No. 28314 in the amount of \$924.00; and
10. Self-addressed, prepaid, postcard to acknowledge receipt of documents.

Please charge any deficiency in the enclosed fee or credit any overpayment, to Deposit Account No. 02-4467. A duplicate copy of this letter is enclosed.

Very truly yours,



George C. Chen

GCC:mtr  
Enclosures

**BRYAN CAVE LLP**

Box Patent Application

Re: WIRE BOND-LESS ELECTRONIC COMPONENT FOR USE  
WITH AN EXTERNAL CIRCUIT AND METHOD OF MANUFACTURE

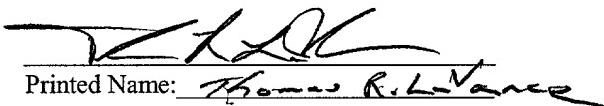
January 4, 2002

Page 2

**CERTIFICATE OF EXPRESS MAILING UNDER 37 CFR 1.10**

I hereby certify that this document and any as referred to as being attached or enclosed is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" service, mailing label number **EL45228858US** on **January 4, 2002** and addressed to **BOX PATENT APPLICATION, Commissioner for Patents, Washington, D.C. 20231.**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any registration issued thereon.

  
Printed Name: Thomas R.L. Vance

UTILITY PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: : Date: January 4, 2002  
VISWANATHAN, et al. : Group Art Unit: Unknown  
Serial No.: Not yet assigned : Examiner: Unknown  
Filed: Herewith :  
:

Title: WIRE BOND-LESS ELECTRONIC COMPONENT FOR USE WITH AN EXTERNAL CIRCUIT AND METHOD OF MANUFACTURE

Box Patent Application  
Commissioner for Patents  
Washington, D.C. 20231

**NEW APPLICATION TRANSMITTAL**

Transmitted herewith for filing is a utility patent application of Inventor(s):

Lakshminarayan Viswanathan  
Pierre-Marie Piel  
Garry D. Funk  
Robert Paul Davidson

For:

WIRE BOND-LESS ELECTRONIC COMPONENT FOR USE WITH AN EXTERNAL CIRCUIT AND METHOD OF MANUFACTURE

**1. Type of Application**

This new application is for a(n)

[ X ] Original nonprovisional Utility under 37 C.F.R. § 1.53(b)

**2. Papers Enclosed**

A. Required for filing date under 37 CFR § 1.53(b)

- 26 Pages of specification as prescribed by 35 U.S.C. § 112 containing a description pursuant to 37 C.F.R. § 1.71 and at least one claim pursuant to 37 C.F.R. § 1.75.
- 3 Sheet(s) of drawing pursuant to 37 C.F.R. § 1.81(a).

[ X ] Formal

B. Other Papers Enclosed

- 1 Page(s) of power of attorney  
3 Page(s) of declaration  
4 Page(s) of assignment with cover sheet

**3. Declaration or oath**

[ X ] Enclosed and executed by  
[ X ] inventor(s).

**4. Inventorship Statement**

The inventorship for all the claims in this application are:

[ X ] The same.

**5. Language**

[ X ] English

**6. Assignment**

[ X ] An assignment of the invention to Motorola, Inc.  
[ X ] is enclosed. A separate  
[ X ] "Recordation Form Cover Sheet" is also enclosed.

**7. Fee Calculation (37 CFR § 1.16)**

[ X ] Utility application

<u>CLAIMS AS FILED</u>					
	Number Filed	Number Extra		Rate	Basic fee 37 CFR § 1.16(a) \$740.00
Total Claims (37 CFR § 1.16(c))	28 - 20 =	8	x	\$18.00	\$144.00
Independent Claims (37 CFR § 1.16(b))	3 - 3 =	0	x	\$84.00	\$0.00
Multiple dependent Claim(s), if any (37 CFR § 1.16(d))	0		x	\$260.00	\$0.00

Filing Fee Calculation \$884.00

**8. Fee Payment Being Made at this Time**

[ X ] Enclosed

[ X ] Filing fee \$884.00

[ X ] Recording assignment (\$40.00; 37 CFR § 1.21(h))  
(See attached "RECORDATION FORM COVER  
SHEET") \$ 40.00

Total fees enclosed \$ 924.00

**9. Method of Payment of Fees**

[ X ] Check in the amount of \$924.00

**10. Instructions as to Overpayment**

[X] Credit Account No. 02-4467

**11. Correspondence Address**

The correspondence address for this application is:

George C. Chen  
Bryan Cave LLP  
Two North Central Avenue, Suite 2200  
Phoenix, Arizona 85004-4406

Telephone calls regarding this application should be directed to George C. Chen at (602) 364-7000. Facsimile correspondence regarding this application should be faxed to George C. Chen at (602) 364-7070.

**12. Authorization to Charge Additional Fees**

[X] The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. 02-4467:

- [X] 37 CFR § 1.16(a), (f) or (g) (filing fees)
- [X] 37 CFR § 1.16(b), (c) or (d) (presentation of extra claims)
- [X] 37 CFR § 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)
- [X] 37 CFR §§ 1.17(a)(1)-(5) (extension fees pursuant to 1.136(a))
- [X] 37 CFR § 1.17 (application processing fees)

**13. Statement Where no Further Pages Added**

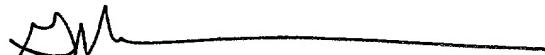
[ X ] This transmittal ends with this page.

Respectfully submitted,

BRYAN CAVE, LLP

Dated: 04 January 2002

By: \_\_\_\_\_



George C. Chen, Reg. No. 39,935  
2 North Central Avenue, Suite 2200  
Phoenix, Arizona 85004  
Telephone: (602) 364-7000  
Facsimile: (602) 364-7070

CERTIFICATE OF EXPRESS MAILING UNDER 37 C.F.R. 1.10.

I hereby certify that this document (and any as referred to as being attached or enclosed) is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" service, mailing label No. **EL45228858US**, on January 4, 2001, and addressed to Box Patent Application, U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

  
\_\_\_\_\_  
Printed Name: Thomas Lavance